

Location ID:	
Name	
OwnerName	
Phone	
Assessor	
Date	7/18/2011

How Your Home Uses Energy

model baseline	Elec	Gas	Propane	Wood/Coal
Heating	8,380 kWh	0 kBTU	23769 kBTU	0 kBTU
Cooling	2850 kWh	0 kBTU	0 kBTU	
Base	11900 kWh	0 kBTU	0 kBTU	
Total (yr)	23,130 kWh	0 kBTU	23,769 kBTU	0 kBTU
	22400 kWh	0 kBTU	23769 kBTU	0 kBTU

Your home uses energy for heating, cooling, and base load (which is everything that is not heating or cooling).

How Your Home Could Save Energy

- Install Moisture barrier 6 mil plastic lap up on wall 12 and seal.
- Spray 1.5" of closed cell on Rim Joist
- Install R-19 insulation in floor where missing or damaged.
- Spray 1.5" of closed cell on crawl wall
- Spray 1" of closed on Cathedral End Walls
- Remove old blow in. Spray 1.5" closed cell foam and put back blown and add to 15"
- Replace HVAC Heating with New HVAC Heating System.
- Replace HVAC Cooling with New HVAC Cooling System.
- Reduce air leakage to BAS or 70% below that number.

<u>Savings from Baseline:</u>	<u>Savings from Actuals:</u>	<u>Conversions to Fuel</u>	<u>Current Rates</u>	<u>Projected Savings (yr)</u>
7354 kWh (Elec)	6,624 kWh (Elec)	6,624 kWh	0.12 /kWh	\$795
0 kBTU (Gas)	0 kBTU (Gas)	0 therms	2.00 /Therm	\$0
23769 kBTU (Propane)	23,769 kBTU (Propane)	256 Gal	2.88 /Gal	\$736

Based on savings from insulation and air seal only due to calibration.

Projected Avg Energy Savings (mo) \$128
before monthly How\$mart Charge

Financing

\$12,067.00 Cost of Improvements (est):

\$10,067.00

Utility Contribution

\$15,452

Not to Exceed Amount (90% of Savings)

\$2,000.00 Kentucky Home Performance

@ 3%
over 15 years

\$75

Monthly Charge

59% of projected savings

Next Steps

1. Sign Purchase Agreement
 2. Select contractor and schedule the job
 3. Energy Specialist returns to inspect completed work
 4. Savings begin and installments charge appears on utility bill.
- If, after operation, any of the upgrades fail, the Utility will reevaluate the work.

Acceptance:

I understand that:

Values on previous page are estimates only and are not a guarantee of savings. Energy savings are a best-effort estimation calculated using a computer model. The model takes into account previous usage and characteristics of the house to determine usage and potential savings. Actual savings will vary depending on behavior, weather events, maintenance of the efficiency improvements, and future utility rates.

The Utility has explained what I can do to reduce my energy consumption including, but no limited to: thermostat and other equipment settings, the impact of lighting changes, and additional appliance or home investments not covered under How\$martKY™.

Value of the improvements (cost of work) is an estimate and will be verified with the selected contractor. Final monthly charge will be determined at the time of contractor selection. If final project cost is more than the "not to exceed" amount, then customer may opt out of the installation. Non-payment of the charge will be treated like non-payment of the utility bill potentially resulting in disconnection of service.

The Kentucky Energy Retrofit Rider (marketed as How\$martKY™) is a voluntary utility tariff that amortizes the cost of the efficiency improvement over the course of fifteen years or 75% of the expected life of the improvement (whichever is less) at a fixed interest rate. The expected cumulative cost to the customer over the course of the payback period of the improvements is as follows:

	<u>Estimate</u>	<u>Estimated Monthly Savings</u>	<u>Estimated Net Monthly Savings</u>
Fixed Monthly Charge	\$75	\$128	\$53
Capital Investment	\$10,067	Payback Period (years)	15
Data Management Contract Fee	\$250	Cost of Capital	3%
Project Fee(s)	5.00% \$516		
Total Interest over life of payback	<u>\$2,883</u>		
Total Cost over life of payback	\$13,466		

Account Holder: _____
print name
Date: _____

Owner: _____
print name
Date: _____



How\$martKY

Energy Efficiency for Everyone

GENERAL

Location Number [REDACTED]
Date of Assessment 7/18/2011
Utility [REDACTED]

Account # [REDACTED]

Owner Information

15	Financing Term (Years)
6624	Projected Savings (kWh)
\$74.81	Calculated Monthly Payment
\$12,067.00	Value of Measures*
\$2,000.00	Kentucky Home Performance

CUSTOMER INFORMATION**1. RETROFIT MEASURES**

\$10,067.00	Amount paid by Utility
\$250.00	Data Management Contract Fee
\$515.85	Project Fee
\$10,832.85	Total Cost of Retrofit

2. INFORMATION ACCURACY

Customer and owner have made every effort to provide Company/its Agent with accurate information about the structure and its use to enable the Company to assess the energy efficiency of Customer's premises and equipment. Customer and owner acknowledge that the accuracy of the savings estimates above depend on the accuracy of information provided to the Company. ☒

☒

Customer's Initials _____ Owner's Initials _____

3. PURPOSE OF THIS AGREEMENT

This Agreement permits the Retrofit Measure(s) noted above to be installed on behalf of the Customer, in the Owners' building at the above property address with the above Location ID and obligates the Owner to disclose any payment requirement to future tenants and to any purchaser of these premises as described in Section 6.2 below. The agreement also describes the responsibilities, understandings and authorizations of Customers and Owners in implementing, maintaining, disclosing and paying for the above mentioned Retrofit measures.

4. CUSTOMER RESPONSIBILITIES AND UNDERSTANDING

- 4.1 ☒ Customer will provide access to premises to the Company/its agent, Contractor and their respective employees or subcontractors to install, inspect and/or repair Retrofit measures.
- 4.2 ☒ Customer shall make consecutive monthly payments specified above to the Company as part of the utility bill until all payments have been made or Customer no longer has an account with the Company. For portable Retrofit measures, all remaining payments will be due with the final bill. ☒
- 4.3 ☒ Maintain the installed Retrofit measure(s) in place for at least as long as there are payments due under this Agreement unless otherwise agreed to by Company/its Agent. Customers will be responsible for all required maintenance and out of warrantee repairs.
- 4.4 ☒ Customer shall notify the Company if any of the above Retrofit measures stop working. The Company/its Agent will verify Retrofit failure, assess repair need/cause and authorize the repair. The Company/its agent may suspend Customer's Retrofit Project charges while repairs are being made, to the degree that energy savings are compromised. Contractors and warrantees will cover costs of repairs due to defects in workmanship or equipment per contract and warrantees. Customers will cover costs for customer damage, out of warrantee repairs and any remaining repair costs. The Company/its Agent may increase the number of remaining Retrofit payments to recover repair costs not reimbursed, including administration.

Alternatively, Customer may repair Retrofit measures at Customer's expense and, if applicable, will be entitled to any reimbursement from existing warranties.

The Company/its Agent may repair a measure that is not working and seek compensation from Customer or owner as appropriate or recover any costs that were not reimbursed after warranty payments are applied by increasing the number of Retrofit payments at this location. The Company/its Agent may likewise be reimbursed for maintenance costs required to keep systems operating as described above.

4.5 Capital Provider will own the installed Retrofit measures during the duration of payments by occupant, Customer will not apply for or claim tax or other credits which will be claimed by and belong to the Capital Provider.

4.6 In some cases, (where the portable equipment replaced belonged to the meter holder) Customers may relocate portable retrofit measures to another meter/account location also served by Company upon obtaining Company prior agreement in writing and transferring all outstanding balances for the relocated Retrofit measures to their new account.

4.7 Customer will make a good faith effort to participate in Retrofit program follow-up surveys for the purpose of evaluating the effectiveness of the Retrofit system and to provide information requested by the Public Service Commission and state Energy Office.

4.8 The Customer understands that an Independent Contractor-Customer relationship has been created by virtue of the Contractor Master Agreement between Company/its Agent and Contractor. Contractor is not an employee or agent of Company/its Agent. Company/its Agent will not be liable for personal injury, property damage or illegal activity caused by Contractor or Contractor's agents or employees. Company is not a guarantor of products and this Agreement does not limit Customer's rights regarding manufacturers, vendors and contractors.

4.9 Customer understands that this Agreement does not constitute a loan nor create any obligations under Kentucky law pertaining to consumer credit or mortgage financing. Early repayment of Retrofit obligations shall not result in any prepayment discounts nor refunds.

5. CUSTOMER AUTHORIZES COMPANY/ITS AGENT TO:

5.1 Assign the Retrofit Tariff to this location which shall remain in full force until the final Retrofit obligation has been paid in full.

5.2 Be its representative to coordinate and facilitate the installation of the Retrofit measure(s) listed above and related work including arranging for repair or replacement if any of the Retrofit measures fail prior to the Customer making the final payment.

5.3 Enter into the Contractor Installation Agreement with the Contractor on Customer's behalf for the purpose of installing Retrofit measure(s) and related work.

5.4 Enter into change orders with Contractor on behalf of the Customer so long as the change orders do not increase the Customer's monthly payment amount under the terms of this Agreement. Customer understands that any change order that increases Customer's monthly payment amount under this Agreement must be agreed to in writing by Customer, the Owner, the Company/its Agent and the Contractor.

6. CUSTOMER AUTHORIZES COMPANY/ITS AGENT TO:

6.1 Owner agrees to assume all the above mentioned Customer Responsibilities, Understandings and Authorizations, including Retrofit repayment whenever utility service to the above reference service location is in the Owners' name.

6.2 Owner shall make all remaining Retrofit payments upon closing their utility account or upon sale of the property or disclose the Retrofit monthly payment obligation to the next customer. Owners renting out the above premises shall disclose monthly Retrofit payment obligation to all subsequent tenants until the obligation has been repaid. Failure to disclose will constitute permission by the Owner for the next customer to break a lease or purchase agreement for the premises within thirty (30) business days of applying for utility service. A signed copy of the New Customer Disclosure form will constitute proof of disclosure.

6.3 Owner will maintain installed Retrofit measures in place for at least as long as there are payments due under this Agreement and responsible for any required maintenance and for costs incurred from failure to properly maintain the Retrofit measure(s).

6.4 Owner will be responsible for cost associated with owner damage.

6.5 Owner will obtain and maintain property insurance for casualty losses on the premises sufficient to ensure replacement of any measure installed under this program, or repayment of any outstanding Retrofit obligation if building/measures are not restored. Customer and owner agree to use any insurance claims payments to pay for replacement or repair of damaged measures with comparable products approved by Company/its Agent or to pay off any balance owed to the Company for Retrofit products installed in the premises.

6.6 Owner understands that this Agreement does not constitute a loan nor create any obligations under Kentucky law pertaining to consumer credit or mortgage financing. Early repayment of Retrofit obligations shall not result in any prepayment discounts nor refunds.

6.7 Owner warrants that (s)he is the sole owner or represents all owners of these premises and is authorized to sign below. If this is not the case, signee agrees to assume all responsibility for costs associated with the installation of Retrofit measures including but not limited to their installation, removal, premises repairs, and program costs.

7. OWNER AUTHORIZES COMPANY/ITS AGENT TO:

7.1 Arrange for installation of the Retrofit measures listed above and detailed in the Conservation Plan.

7.2 Assign the Retrofit Tariff to this premise. Owner understands repayment obligations will continue until such time Company has been fully reimbursed for costs itemized above. Owner has no repayment obligations at any time utility service is in the name of his/her current tenant or future tenants with this exception: Owner will assume the payment obligation any time a Retrofit measure is removed by Owner.

7.3 Owner may indicate a preferred Contractor among those qualified by the Company/its agent to install Retrofit measures. Owner authorizes the Company/its Agent to arrange for a qualified Contractor to install Retrofit measures. Owner understands that when an independent contractor installs Retrofit measures, an independent relationship has been created by virtue of the Contractor Master Agreement between Company/its Agent and Contractor. Contractor is not an employee or agent of the Company. Company/its Agent will not be liable for personal injury or property damage caused by Owner, Contractor or Contractor's agents or employees. Company is not a guarantor of products, materials, or work performed by contractor. This Agreement does not limit or increase Owner's rights regarding manufacturers, vendors and contractors.

7.4 Manage change orders consistent with the Conservation Plan. Any change that deviates from the approved Conservation Plan must be agreed to in writing by Customer, Owner, Company/its Agent, and the Contractor.

7.5 Issue payment for Retrofit products, materials and/or work when an independent contractor or vendor is used. (Labor or installation charges will not be reimbursed for self-installed measures). Payment made by Company does not guarantee the work performed by the Contractor. The Contractor is solely responsible for the installation of the Retrofit measure(s).

7.6 Obtain insurance (e.g., fire) or authorize its agent to obtain insurance at its cost on the premises sufficient to ensure Company or its financing agent recovers all costs associated with measure installation. Any insurance costs to be charged back to Customer are included in the Retrofit measure costs noted above.

7.7 Record the attached UCC-1 Fixture Lien form at the County Clerk's Office to facilitate disclosure of Retrofit obligations to successor customers at this location.

8. AGREEMENT DURATION, TERMINATION AND MISCELLANEOUS PROVISIONS

8.1 This Agreement shall remain in full force and effect until the final Retrofit payment has been made, Customer closes the account at this location, or the Agreement is terminated by mutual consent of the parties.

No Retrofit payments will be due to Company until these premises are occupied but no later than three months after the completion of the work.

If the Customer breaches any of the terms of this Agreement, Customer shall reimburse Company for all costs incurred for Retrofit measures. Such costs include but are not limited to all costs for measures, installation, repair or replacement, administration, litigation, product subsidy, and interest. At its option, Company may recover these costs through payments to Company from customers at this location.

8.4 ☒ At Customer's request, at any time, Company will terminate this Agreement. Customer must pay all costs Company/its Agent incurred for these Retrofit measure(s).

8.5 ☒ No waiver, alteration or modification of any of the provisions of this Agreement shall be binding unless in writing and signed by a duly authorized representative of both parties to this Agreement. Notice from one party to the other under this Agreement shall be deemed to have been properly delivered if forwarded by First Class Mail to Customer or Company addresses noted on this page. Company maintains a right of inspection and access for repair, upon reasonable notice and during normal business hours, of the Retrofit measure(s) installed pursuant to this Agreement for the duration of this Agreement. Any such inspection shall not be deemed as endorsement by Company/its Agent of work performed.

8.8 ☒ In the event of any dispute arising over the Retrofit program between Customers, Owners, and/or Contractors, Company will work with the disputing parties to obtain a mutually satisfactory resolution. In the event a satisfactory resolution cannot be reached, the dispute will be submitted to an arbiter of Company's choice. Responsibility for all costs of arbitration shall be allocated between the disputing parties as determined by the arbiter.

8.9 ☒ Company's Retrofit program is subject to Kentucky Public Service Commission (PSC) jurisdiction and approved as Kentucky Energy Retrofit Rider.

8.10 ☒ The provisions of this Agreement shall benefit and bind the successors and assigns of Customer and Company. If any of this Agreement shall be held invalid or ineffective in whole or in part, such determination shall not be deemed to invalidate any of the remaining portions of this Agreement. This Agreement is governed by State law.

Name: Date: (Owner)

Name: Date: (Account holder - if different)

Name: Date: (Utility Representative)